Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/29/2015, 9/30/2015	Man Days: 2
Inspection Unit: Danville	
Location of Audit: Danville	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty	
	Peoria, IL 61602	
	Emergency Phone#: (800) 755-5000	
	Fax#:	
Official or Mayor's Name:	Ron Pate	
	Phone#: (217) 424-6518	
	Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance	
Robert Roth	Superintendent of Quality Assurance	

Gas System Operations	Status
Gas Transporter	Panhandle,& NPGL
Annual Report (Form 7100.1-1) reviewed for the year:	Not Checked
General Comment:	<u>.</u>
The Annual report is in the Pawnee Training Center	
Unaccounted for Gas	Not Checked
General Comment:	
The unaccounted for gas listing is in the Pawnee Training Center	
Number of Services	Not Checked

General Comment:		
Number of services are on the DOT Annual Report in the Pawr	nee Training Center	
Miles of Main		Not Checked
General Comment:		
Miles of main are on the DOT Annual Report in the Pawnee Tr	aining Center	
Is the operator maintaining documentation verifyin	g their Maximum Allowable Operating Pressure(s)? (MAOP)	Satisfactory
General Comment:		
MAOP's are kept on the regulator station inspection sheets.		
Operating Pressure (Feeder)		Various
Operating Pressure (Town)		Various
Operating Pressure (Other)		Not Applicable
General Comment:		
No other pressures were inspected during this audit.		
MAOP (Feeder)		Various
MAOP (Town)		Various
MAOP (Other)		Not Applicable
General Comment:		
No other pressures were inspected during this audit.		
Does the operator have any transmission pipelines	5?	Yes
General Comment:		
These records are kept at the Decatur Plaza.		
Regulatory	Reporting Records	Status
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Checked
General Comment:		
Telephonic Notices of Incidents are out of the Pawnee Training	Center	
[191.9(a)]	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	Not Checked
General Comment:		
Incidents reports are out of the Pawnee Training Center		
[191.9(b)]	Were any supplemental incident reports submitted when deemed necessary?	Not Checked

General Comment:		
Supplemental incidents are out of the Pawnee Training Center	•	
Did the operator have any plastic pipe failures in t	he past calendar year?	Not Checked
General Comment:		
Plastic pipe failures are out of the Pawnee Training Center		
Did the operator take action to mitigate safety concomponents?	cerns relating to the failure of the PE or pipeline	Not Checked
General Comment:		
Mitigate safety concerns are out of the Pawnee Training Center	er	
[191.23(a)]	Did the operator report Safety Related Conditions?	Not Checked
General Comment:		
Safety related conditions are out of the Pawnee Training Cent	er	
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Checked
General Comment:	, · · · · · · · · · · · · · · · · · · ·	
Safety Related Conditions Reports are out of the Pawnee Tra	ning Center	
[192.16(c)]	Customer Notification: Has the operator notified each new customer within 90 days about the customer's responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	Not Checked
General Comment:		
This notification comes from the Decatur Center.		
TEST R	EQUIREMENTS	Status
[192.517(a)][192.505,192.507,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	Not Checked
General Comment:		
These records are in the Decatur Plaza.		
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Satisfactory
General Comment:		
Records are being maintained for at least 5 years.		
[192.603(b)][192.725]	Were service lines temporarily disconnected from the main properly tested prior to reconnection?	Satisfactory

Unless otherwise noted, all code references are to 49CFR Part 192. If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

General Comment:		
Service lines that were temporarily disconnected	were tested to 100# before being placed back into service.	
	UPRATING	Status
Category Comment:		
No uprating was conducted in the years of 2013	& 201 <i>4</i> .	
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Applicable
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	Not Applicable
	OPERATIONS	Status
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Not Checked
General Comment:		
These records are in the Pawnee Training Cente	er, and reviewed on 2-18-20, 2014.	
Has the operator conducted a review o	f the Operator Qualification Plan once per yr/15 months?	Not Checked
General Comment:		
These records are in the Pawnee Training Cente	er, with a review being conducted on 2-19-2014	
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
General Comment:		
Construction records and maps are available to o	operating personnel.	
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
General Comment:		
In 2013 an employee was disqualified and then h	nad to retake training on the procedure.	
CONTINUING SURVEILLANCE RECORDS		Status
[192.603(b)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Not Checked
General Comment:		
Continuing surveillance records were inspected o	on 2-18-20-2014 in the Decatur Plaza Office	

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Do pipeline operators include performance	measures in facility locating contracts?	Not Checked
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		Not Checked
[192.603(b)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Not Checked
[192.603(b)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Not Checked
Has the number of damages increased or decreased from prior year?		Not Checked
[192.603(b)][191.11(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	Not Checked
These records were inspected on 2-18-20-2014 in the	Pawnee Training Center.	
Category Comment:	E PREVENTION RECORDS	Status
No cast iron in the Danville Operating Center.		Status
General Comment:		
[192.603(b)][192.753(b)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	Not Applicable
No cast iron in the Danville Operating Center.		
General Comment:		<u> </u>
[192.603(b)][192.753(a)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	Not Applicable
No cast iron in the Danville Operating Center.		
General Comment:	-	
[192.603(b)][192.755]	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	Not Applicable
No cast iron in the Danville Operating Center.		
General Comment:		
[192.491][192.489]	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	Not Applicable

[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Not Checked
Has the Operator adopted applicable se	ections of the Common Ground Alliance Best Practices?	Not Checked
Were Common Ground Alliance Best P	ractices discussed with the Operator?	Not Checked
EMERGENCY PLANS		Status
Category Comment:		
This section was reviewed at the Pawnee Trainin	g Center 2-18-20-2014.	
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Not Checked
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	Not Checked
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	Not Checked
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Not Checked
[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Not Checked
ODORIZATION OF GAS		Status
[192.603(b)][192.625(f)]	Has the operator maintained documentation of odorant concentration level testing using an instrument?	Satisfactory
General Comment:		
Odorant reading were read monthly and met the	code requirements.	
[192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	Satisfactory
General Comment:		
Tank levels were read monthly		
[192.603(b)][192.625(f)(1)]	Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?	Not Applicable
General Comment:		
Ameren Illinois is not a master meter operator.		

[192.603(b)][192.625(f)(2)]	Has the master meter operator maintained documentation of sniff tests performed as required by this section?	Not Applicable
General Comment:		
Ameren Illinois is not a master meter operator.		
PATRO	OLLING & LEAKAGE SURVEY	Status
[192.603(b)][192.721(b)(1)]	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	Not Applicable
General Comment:		
Ameren Danville does not have any patrolling in b leakage.	usiness districts, there are no mains on structures where anticipated physical movement	could cause failure or
[192.603(b)][192.721(b)(2)]	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	Satisfactory
General Comment:		
Staff inspected the records for 2013 & 2014 for pa	trolling outside of the business districts, and they were completed 2 times a year.	
[192.603(b)][192.723(b)(1)]	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	Satisfactory
General Comment:		
Business districts leak surveys are performed yea	rly.	
[192.603(b)][192.723(b)(2)]	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	Satisfactory
General Comment:		
Outside business districts surveys are done every	4 years.	
YARD LINES - RESIDENTIAL		Status
[220 ILCS 2.2.03]	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	Satisfactory
General Comment:		
Ameren Danville keeps a listing of yard lines.		
[192.463,220 ILCS 2.2.03][220 ILCS 2.2	Has the operator determined if cathodic protection is required on these services?	Not Applicable
General Comment:		

Unless otherwise noted, all code references are to 49CFR Part 192. If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.723(b)(1),192.723(b)(2)][220 ILCS 2.2.03]	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	Satisfactory
General Comment:	, , ,	
Ameren does not protect piping after the meter, but this pipin	g is leak surveyed every 3 years	
ABANDONMENT or DEACTI	VATION of FACILITIES PROCEDURES	Status
Category Comment:		
The operator did not abandon any pipelines in the years of 20	013, or 2014.	
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	Not Applicable
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Not Applicable
[192.603(b)][192.727(d)]	Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply and open pipe ends sealed?	Satisfactory
General Comment:		
Discontinued service to a customer records are in GCS, and	staff inspected these records.	
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	Not Applicable
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	Not Applicable
PRESSURE LIM	ITING AND REGULATION	Status
[192.603(b)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
Regulator stations are inspected once a year/15 months.		
[192.603(b)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		

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Capacity is checked every year.	1	
[192.603(b)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
The operators engineering department does the calculations.		
[192.603(b)][192.741(a),192.741(b)]	Is each distribution system supplied by more than one district pressure regulating station, or where required by the operator on a system supplied by a single regulating station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?	Satisfactory
General Comment:		
The regulator stations are equipped with telemetering or reco	ording gauges.	
[192.603(b)][192.741(c)]	If there were indications of abnormally high- or low- pressure, were actions taken to correct any unsatisfactory operating conditions?	Satisfactory
General Comment:		
These records are keep in gas control in Springfield.		
[192.603(b)][192.743(a),192.743(b),192.195(b)(2	2)] Is overpressure protection provided by the supplier pipeline downstream of the take point?	Not Checked
General Comment:		
These records are in the Decatur Plaza office.		
[192.603(b)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	Not Checked
General Comment:		
These records are in the Decatur Plaza office.		
VALVE MAINTENANCE		Status
[192.603(b)][192.747(a),192.747(b)]	Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	Satisfactory
General Comment:	·	
Valves were inspected for the years of 2013 & 2014		
[192.603(b)][192.749(a)]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
General Comment:	·	
No vaults in the gas system.		

Investigation Of Failures		Status
[192.603(b)][192.617]	Did the operator experience accidents or failures requiring analysis?	Not Checked
General Comment:	<u>'</u>	
These records will be reviewed in the Pawnee Train	ining Center.	
W	ELDING OF STEEL PIPE	Status
Category Comment:		
Welding records are in the Pawnee Training Center	er.	
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	Not Checked
[192.603(b)][192.227,192.229]	Does the operator have documentation of welder qualification as required?	Not Checked
[192.807]	Does the operator have documentation of welder OQ records?	Not Checked
[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	Not Checked
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	Not Checked
JOINING OF	MATERIAL OTHER THAN WELDING	Status
Category Comment:		
Joining records are in the Pawnee Training Center	:	
[192.603(b)][192.285]	Are persons making joints with plastic pipe qualified?	Not Checked
[192.603(b)][192.287]	Are persons inspecting plastic pipe joints qualified?	Not Checked
[192.603(b)][192.283]	Are qualified joining procedures for plastic pipe in place?	Not Checked
CORR	OSION CONTROL RECORDS	Status
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	Satisfactory
General Comment:		
These records were on GCS and now will be on M	laximo	
[192.491][192.459]	Has the operator maintained documentation of an examination when buried pipe was exposed?	Satisfactory
General Comment:	·	

Ameren has a sufficient number of test stations in the gas s							
[192.491][192.469] General Comment:	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory					
Casing readings are being taken 1 per year/15 months.							
General Comment:	or tests for electrical isolation at casings?						
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections	Satisfactory					
No unprotected pipe in the gas system In Champaign.							
General Comment:	-						
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Not Applicable					
Prompt remedial actions are being taken if a low read is for	und,						
General Comment:	·						
92.491][192.465(d)] Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?							
Critical Interference bonds were inspected at least 6 times	a year. Non-critical bonds were inspected once a year.						
General Comment:							
L 3L (-//2	critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Satisfactory					
[192.491][192.465(c)]	Has the operator maintained documentation of each						
Rectifiers are checked every other month.							
General Comment:	manusin of o por your 2 1/2 monuto.						
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Satisfactory					
Annual reads were inspected within 1 per year/15 months.	Isolated services were inspected at a 10% annual rate.						
General Comment:							
[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	Satisfactory					

[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	Satisfactory				
General Comment:						
All test leads are electrically conductive.						
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Not Applicable				
General Comment:	<u> </u>					
The cathodic protection system is not affecting adjacent und	derground metallic structures.					
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	Not Applicable				
General Comment:						
No corrosive gas in the system.						
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Not Applicable				
General Comment:	,					
No pipe was removed from the system.						
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Not Applicable				
General Comment:						
No internal corrosion coupon monitoring in the distribution s	ystem.					
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months? Satisfa					
General Comment:						
Atmospheric corrosion inspections are being monitored duri	ng leak surveys every 4 years.					
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?					
General Comment:						
Documentation records are on a spreadsheet on GCS, and	now Maximo.					
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated	Not Applicable				

Training? Ceneral Comment: This information will be reviewed at the Pawnee Training Center.	and cathodically protected?														
TRAINING - 83 IL ADM. CODE 520 [520.10(a) (1)] Has the operator maintained documentation demonstrating that personnel have received adequate training? General Comment: This information will be reviewed at the Pawnee Training Center. [520.10(a) (2)] Do training records include verbal instruction and/or on the job training for each job classification? General Comment: Ameren Illinois is not a municipal operator. [520.10(b)] Has the municipal operator maintained documentation demonstrating that personnel have received adequate training? General Comment: Ameren Illinois is not a municipal operator. [520.10(a)(5)] Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?															
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0	ew methods o	materials, new method					ethod	nods of operation and installation, and					Sa	Satisfactory	
General Comment:															
Procedures are usually updated yearly.															